

Converting Colors

CIELCh(67, 23.379, 304.876)

Have a look what the booklet for
CIELCh(67, 23.379, 304.876)
contains.

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Color

CIELCh(67, 23.940, 305.153)

Conversions

Conversions Part 1

Format	Color
Hex	AB9CC6
RGB	171, 156, 198
RGB Percent	67%, 61%, 78%
CMY	0.3284, 0.3873, 0.2225
CMYK	0.14, 0.21, 0.00, 0.22
HSL	261°, 27%, 70%
HSV	261°, 21%, 78%
XYZ	38.9990, 36.6320, 58.5936
YIQ	165.2730, -4.5420, 16.2420

Conversions

Conversions Part 2

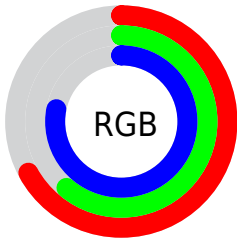
Format	Color
RYB	171, 156, 198
Decimal	11246790
CIELab	67.00, 13.78, -19.57
CIELCh	67, 23.940, 305.153
Yxy	36.6320, 0.2906, 0.2729
Android (android.graphics.Color)	4289436870 (0xFFAB9CC6)
YUV	165.2730, 16.1344, 5.0226
Hunter-Lab	60.5244, 9.0992, -15.0316

Details

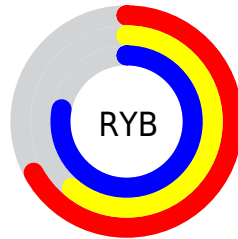
The CIELCh color $67, 23.940, 305.153$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 23.051, 122.813$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 23.790, 305.145$, and $47, 23.708, 304.690$ is the 20% darker color. If you saturate the color by 10%, you get $61, 35.800, 305.838$, and if you desaturate by 10%, it is $73, 12.434, 304.533$.

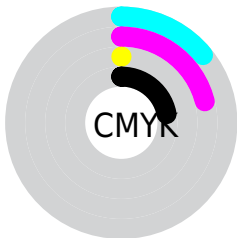
Distribution



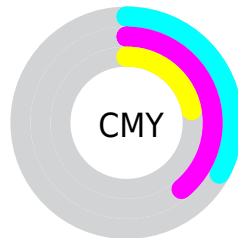
- Red (67%)
- Green (61%)
- Blue (78%)



- Red (67%)
- Yellow (61%)
- Blue (78%)



- Cyan (14%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)





- Cyan (33%)
- Magenta (39%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 23.940, 305.153 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 67, 23.940, 305.153 by changing the saturation by 10% instead.


 67, 23.940,
305.153


 67, 23.940,
305.153


 100, 23.940,
305.153


 57, 23.940,
305.153


 87, 23.940,
305.153

 47, 23.940,
305.153

 97, 23.940,
305.153

 37, 23.940,
305.153

 27, 23.940,
305.153

 17, 23.940,
305.153

 7, 23.940, 305.153

 0, 23.940, 305.153

67, 23.940,
305.153

67, 23.940,
305.153

61, 35.800,
305.838

73, 12.434,
304.533

55, 47.958,
306.581

79, 1.308, 303.939

85, 9.443, 123.518

49, 60.273,
307.359

91, 19.830,
123.096

43, 72.468,
308.125

97, 29.663,
122.575

38, 84.040,
308.797

98, 28.761,
113.472

34, 94.186,
309.251

99, 28.606,
108.004

30, 101.860,
309.330

28, 106.392,

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67, 23.940, 305.153



78, 23.051, 122.813

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 23.940, 305.153



67, 23.940, 355.153



67, 23.940, 125.153



67, 23.940, 175.153

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67, 23.938, 305.152



95, 8.113, 304.241



73, 12.155, 240.091



50, 5.387, 304.278



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 23.938, 305.152



81, 34.882, 305.431



69, 26.493, 321.253



39, 6.300, 304.428



22, 91.930, 309.241



2, 21.925, 301.209

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69, 21.578, 338.267



84, 31.272, 338.615



76, 26.300, 139.174



39, 5.744, 337.330



36, 64.029, 349.044



4, 19.632, 344.116

Previews

White Background



This preview shows how the CIELCh color 67, 23.940, 305.153 looks on a white background.

Color Contrast Check

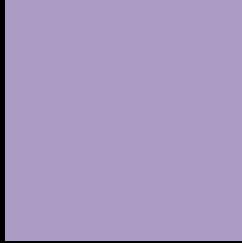
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 23.940, 305.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

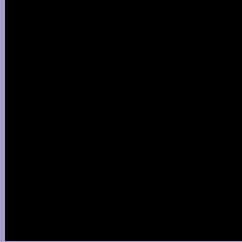
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 23.940, 305.153

Background



This preview shows how black text looks on a background with the CIELCh color 67, 23.940, 305.153.



This preview shows how white text looks on a background with the CIELCh color 67, 23.940, 305.153.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
67, 23.940, 305.153

Protanopia
67, 22.730, 286.528

Deuteranopia
67, 21.046, 294.192



Tritanopia
67, 7.033, 309.355

Trichromacy



Original Color
67, 23.940, 305.153

Protanomaly
67, 23.262, 293.381

Deuteranomaly
67, 21.724, 297.857

Tritanomaly
67, 13.296, 307.364

Monochromacy



Original Color
67, 23.940, 305.153

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.142, 305.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 23.940, 305.153 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(171, 156, 198)` looks like.

```
.text, #text, p{  
    color:rgb(171, 156, 198)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(171, 156, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 156, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 23.940, 305.153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

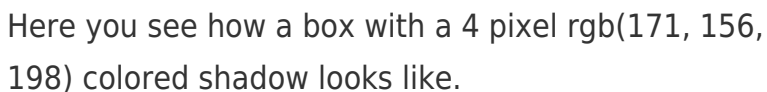
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 156, 198) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(171, 156, 198) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(171, 156, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 156, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 156, 198); box-shadow:4px 4px 4px 4px rgb(171, 156, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 23.940, 305.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 156, 198) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(171,  
156, 198) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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